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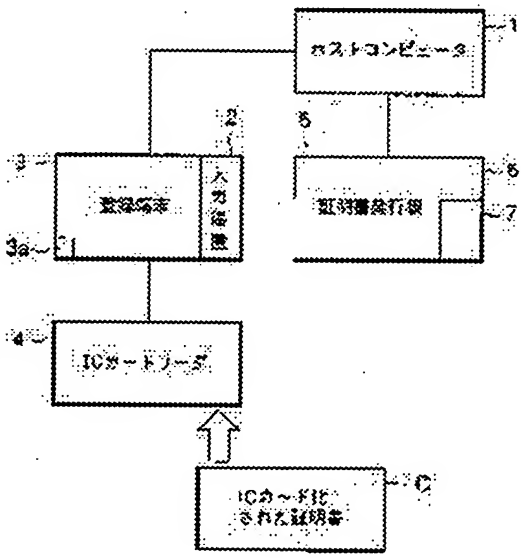
(54) CERTIFICATE ISSUING SYSTEM AND METHOD FOR UPDATING AND ISSUING CERTIFICATE ISSUING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To issue a certificate correctly dealing with a falsification or erroneous reading by preventing inputting fault in the case of issuing the certificate.

SOLUTION: When an updating or reissuing old IC card certificate C is inserted into an IC card reader 4, a registering terminal 3 reads an ID number and seal shade data by an IC card reader 4, retrieves individual data in a host computer 1 according to the read ID number, retrieves a seal shade data correspondence table in the computer 1 by using a seal shade type code given to the corresponding ID number, reads the shade data from a seal shade data file name given to the corresponding seal shade type code, compares the read two shade data, reflects the shade of the data if the two data are same, supplies a crude card (IC card for a certificate) from a supply unit 6 by a certificate issuer 5, and forms a new IC card certificate C by using an IC card reader/ writer 7.



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CLAIMS

[Claim(s)]
[Claim 1] In the certificate issue system which has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card 1st storage means by which the above-mentioned host computer memorizes the identification number of the above-mentioned published certificate, and the print-of-a-seal classification code given to this identification number, The read-out means which reads an identification number and print-of-a-seal data from the certificate in which has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand, and the above-mentioned registration terminal carries out updating or a recurrence line, The 1st retrieval means which searches the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, The 2nd retrieval means which searches the corresponding print-of-a-seal data memorized by the storage means of the above 2nd using the print-of-a-seal classification code searched with this 1st retrieval means, A comparison means to compare the print-of-a-seal data searched with this 2nd retrieval means with the print-of-a-seal data read with the above-mentioned read-out means, The certificate issue system characterized by providing the control means which performs control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue machine according to the comparison result of this comparison means.
[Claim 2] The above-mentioned control means is a certificate issue system according to claim 1 characterized by performing control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue machine using the print-of-a-seal data compared with the above-mentioned comparison means when the comparison result in the above-mentioned comparison means is the same.
[Claim 3] The above-mentioned control means is a certificate issue system according to claim 1 characterized by performing control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue machine based on the data which perform an error message and are changed from the contents of the application of the renewal of the above, or a recurrence line when the comparison results in the above-mentioned comparison means differ.
[Claim 4] The above-mentioned control means displays selection of whether to continue creation of a certificate with an error message, when the comparison results in the above-mentioned comparison means differ. Creation of a certificate is ended when selection which is not continued is made. The certificate issue system according to claim 1 characterized by performing control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue machine based on the data changed from the contents of the application of the renewal of the above, or a recurrence line when selection to continue is made.
[Claim 5] In the certificate issue system which has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card The identification number in which the above-mentioned host computer contains the print-of-a-seal classification code of the above-mentioned published certificate, The 1st storage means which memorizes the print-of-a-seal classification code given to this identification number, It has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand. A read-out means by which the above-mentioned registration terminal reads the identification number containing a print-of-a-seal classification code from the certificate which carries out updating or a recurrence line, A retrieval means to search the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, A comparison means to compare the print-of-a-seal classification code searched with this retrieval means with the print-of-a-seal classification code contained in the identification number read with the above-mentioned read-out means, The certificate issue system characterized by providing the control means which performs control which draws up the

certificate which searches the print-of-a-seal data memorized by the storage means of the above 2nd according to the comparison result of this comparison means, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[Claim 6] In the certificate issue system which has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card The identification number in which the above-mentioned host computer contains the print-of-a-seal code key of the above-mentioned published certificate, The 1st storage means which memorizes the print-of-a-seal classification code given to this identification number, The read-out means which reads an identification number and a print-of-a-seal code key from the certificate in which has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand, and the above-mentioned registration terminal carries out updating or a recurrence line, A retrieval means to search the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, A decryption means to decode the print-of-a-seal code key read with the above-mentioned read-out means, and to acquire a print-of-a-seal classification code, A comparison means to compare the print-of-a-seal classification code decoded and acquired with this decryption means with the print-of-a-seal classification code searched with the above-mentioned retrieval means, The certificate issue system characterized by providing the control means which performs control which draws up the certificate which searches the print-of-a-seal data memorized by the storage means of the above 2nd according to the comparison result of this comparison means, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[Claim 7] It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and publishing the certificate using an IC card. An identification number and print-of-a-seal data are read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. The corresponding print-of-a-seal data memorized by the above-mentioned host computer using this searched print-of-a-seal classification code are searched. The updating issue approach of the certificate issue system characterized by performing control which draws up the certificate which compares the print-of-a-seal data by which reading appearance was carried out [above-mentioned] to this searched print-of-a-seal data, and carries out updating or a recurrence line with the above-mentioned certificate issue machine according to this comparison result.

[Claim 8] It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and publishing the certificate using an IC card. The identification number containing a print-of-a-seal classification code is read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. The print-of-a-seal classification code contained in the identification number by which reading appearance was carried out [above-mentioned] to this searched print-of-a-seal classification code is compared. The updating issue approach of the certificate issue system characterized by performing control which draws up the certificate which searches the print-of-a-seal data memorized by the above-mentioned host computer according to this comparison result, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[Claim 9] It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and publishing the certificate using an IC card. An identification number and a print-of-a-seal code key are read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. Decode the print-of-a-seal code key by which reading appearance was carried out [above-mentioned], and a print-of-a-seal classification code is acquired. The print-of-a-seal classification code by which retrieval was carried out [above-mentioned] with this acquired print-of-a-seal classification code is compared. The updating issue approach of the certificate issue system characterized by performing control which draws up the certificate which searches the print-of-a-seal data memorized by the above-mentioned host computer according to this comparison result, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]
[0001]
[Field of the Invention] This invention relates to the updating issue approach of a certificate issue system and a certificate issue system of publishing a certificate in prefectures other than an issue prefecture (updating / recurrence line).
[0002]
[Description of the Prior Art] Conventionally, in each all prefectures, since only the print-of-a-seal data of a self-prefecture are owned, certificate issue in an another prefecture is not carried out and the actual implementation approach has not established it. Supposing it realizes, the following two proposals can be considered.
[0003] The information (for example, prefecture classification code) on which prefecture it is is inputted at a registration terminal at the time of reception, and the print-of-a-seal data of the prefecture corresponding to the information are printed in a certificate.
[0004] An ID number is given in a card and the prefectural print-of-a-seal data led from the number are printed in a lighting document.
[0005] However, there is a possibility of printing the print of a seal of the prefecture in which needed to input the information on which prefecture it being each time at the time of reception as it is the 1st approach of the above, and it made a mistake by the incorrect input.
[0006] There is a possibility of printing the print of a seal which was wrong in it being the 2nd approach of the above in the alteration of an ID number or misreading.
[0007]
[Problem(s) to be Solved by the Invention] As described above, when publishing a certificate, the information on which prefecture it is needed to be inputted at the time of each time reception, there was a possibility of printing the print of a seal of the prefecture in which it made a mistake by the incorrect input, and there was a problem that there was a possibility of printing the print of a seal which was wrong in the alteration of an ID number or misreading.
[0008] Then, this invention prevents the input mistake at the time of publishing a certificate, and aims at offering the updating issue approach of a certificate issue system and a certificate issue system that it can respond also to an alteration or misreading surely and a certificate can be published.
[0009]
[Means for Solving the Problem] In the certificate issue system which the certificate issue system of this invention has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card 1st storage means by which the above-mentioned host computer memorizes the identification number of the above-mentioned published certificate, and the print-of-a-seal classification code given to this identification number, The read-out means which reads an identification number and print-of-a-seal data from the certificate in which has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand, and the above-mentioned registration terminal carries out updating or a recurrence line, The 1st retrieval means which searches the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, The 2nd retrieval means which searches the corresponding print-of-a-seal data memorized by the storage means of the above 2nd using the print-of-a-seal classification code searched with this 1st retrieval means, It consists of a comparison means to compare the print-of-a-seal data searched with this 2nd retrieval means with the print-of-a-seal data read with the above-mentioned read-out means, and a control means which performs control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue

machine according to the comparison result of this comparison means.

[0010] In the certificate issue system which the certificate issue system of this invention has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card The identification number in which the above-mentioned host computer contains the print-of-a-seal classification code of the above-mentioned published certificate, The 1st storage means which memorizes the print-of-a-seal classification code given to this identification number, It has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand. A read-out means by which the above-mentioned registration terminal reads the identification number containing a print-of-a-seal classification code from the certificate which carries out updating or a recurrence line, A retrieval means to search the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, A comparison means to compare the print-of-a-seal classification code searched with this retrieval means with the print-of-a-seal classification code contained in the identification number read with the above-mentioned read-out means, It consists of control means which perform control which draws up the certificate which searches the print-of-a-seal data memorized by the storage means of the above 2nd according to the comparison result of this comparison means, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[0011] In the certificate issue system which the certificate issue system of this invention has a host computer, a certificate issue machine, and a registration terminal, and publishes the certificate using an IC card The identification number in which the above-mentioned host computer contains the print-of-a-seal code key of the above-mentioned published certificate, The 1st storage means which memorizes the print-of-a-seal classification code given to this identification number, The read-out means which reads an identification number and a print-of-a-seal code key from the certificate in which has the 2nd storage means which the print-of-a-seal classification code and print-of-a-seal data which were memorized by this 1st storage means were made to correspond, and has been memorized beforehand, and the above-mentioned registration terminal carries out updating or a recurrence line, A retrieval means to search the print-of-a-seal classification code memorized by the storage means of the above 1st using the identification number read with this read-out means, A decryption means to decode the print-of-a-seal code key read with the above-mentioned read-out means, and to acquire a print-of-a-seal classification code, A comparison means to compare the print-of-a-seal classification code decoded and acquired with this decryption means with the print-of-a-seal classification code searched with the above-mentioned retrieval means, It consists of control means which perform control which draws up the certificate which searches the print-of-a-seal data memorized by the storage means of the above 2nd according to the comparison result of this comparison means, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[0012] The updating issue approach of the certificate issue system this invention It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and publishing the certificate using an IC card. An identification number and print-of-a-seal data are read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. The corresponding print-of-a-seal data memorized by the above-mentioned host computer using this searched print-of-a-seal classification code are searched. The print-of-a-seal data by which reading appearance was carried out [above-mentioned] to this searched print-of-a-seal data are compared, and it is characterized by performing control which draws up the certificate which carries out updating or a recurrence line with the above-mentioned certificate issue machine according to this comparison result.

[0013] The updating issue approach of the certificate issue system this invention It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and publishing the certificate using an IC card. The identification number containing a print-of-a-seal classification code is read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. The print-of-a-seal classification code contained in the identification number by which reading appearance was carried out [above-mentioned] to this searched print-of-a-seal classification code is compared. It is characterized by performing control which draws up the certificate which searches the print-of-a-seal data memorized by the above-mentioned host computer according to this comparison result, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[0014] The updating issue approach of the certificate issue system this invention It is the updating issue approach of a certificate issue system of having a host computer, a certificate issue machine, and a registration terminal, and

publishing the certificate using an IC card. An identification number and a print-of-a-seal code key are read from the old certificate which carries out updating or a recurrence line. The print-of-a-seal classification code memorized by the above-mentioned host computer using this read identification number is searched. Decode the print-of-a-seal code key by which reading appearance was carried out [above-mentioned], and a print-of-a-seal classification code is acquired. The print-of-a-seal classification code by which retrieval was carried out [above-mentioned] with this acquired print-of-a-seal classification code is compared. It is characterized by performing control which draws up the certificate which searches the print-of-a-seal data memorized by the above-mentioned host computer according to this comparison result, and carries out updating or a recurrence line with the above-mentioned certificate issue machine.

[0015]

[Embodiment of the Invention] Hereafter, the gestalt of 1 implementation of this invention is explained with reference to a drawing.

[0016] Drawing 1 shows the outline configuration of the certificate issue system concerning this invention. It has the certificate issue machine 5 which has the feed zone 6 which supplies the IC card reader 4 for performing R/W of the registration terminal 3 for having the host computer 1 and input unit 2 which hold the various data in certificate issue, and registration terminal screen 3a, and making enquiry of written contents, registration, and correction, and an IC card, and the raw card before printing issue (IC card for certificates), and IC card reader writer 7, and the certificate issue system is constituted. And it is inserted in the IC card reader 4 although the IC-card-ized certificate C mentions later in detail.

[0017] Drawing 2 shows the data format concerning the 1st example.

[0018] In the IC card certificate C, the ID number which identifies an applicant, and print-of-a-seal data are memorized. In addition, related information, such as the address, may be memorized.

[0019] (a) of drawing 2 shows the example of a data format in the IC card certificate C, and print-of-a-seal data (image data) are memorized at the last of an ID number, the address, and various data.

[0020] In the host computer 1, the personal data sheet which manages an application publisher, and the print-of-a-seal data conversion table which manages the print-of-a-seal data of each all prefectures are memorized.

[0021] (b) of drawing 2 shows the personal data sheet of the examples of a data format in a host computer 1, and has memorized the print-of-a-seal classification code at the last of an ID number, a name, the address, and various data.

[0022] (c) of drawing 2 shows the print-of-a-seal data conversion table of the examples of a data format in a host computer 1, and the print-of-a-seal data file name corresponding to the print-of-a-seal classification code of each all prefectures is memorized.

[0023] Next, in such a configuration, renewal of the IC card certificate of the 1st example and actuation of a recurrence line are explained with reference to the flow chart of drawing 3 .

[0024] First, when the IC card certificate C which carries out updating or a recurrence line to the IC card reader 4 connected to the registration terminal 3 is inserted (ST1), the IC card reader 4 reads an ID number and print-of-a-seal data (ST2). The IC card certificate [finishing / reading] C is canceled (ST3).

[0025] The registration terminal 3 reads print-of-a-seal data from the print-of-a-seal data file name which searched the print-of-a-seal data conversion table having shown the personal data sheet shown in (b) of drawing 2 in a host computer 1 by the ID number read by the IC card reader 4 in (c) of drawing 2 in a host computer 1 using the print-of-a-seal classification code which searched (ST4) and was given to the corresponding ID number (ST5), and was given to the corresponding print-of-a-seal classification code (ST6).

[0026] And the registration terminal 3 compares the print-of-a-seal data read at a step ST 2, and the print-of-a-seal data read at a step ST 6 (ST7), (comparison) if the comparison result is the same, will make the print of a seal of this print-of-a-seal data reflect, and will draw up an IC card certificate with the certificate issue machine 5. The certificate issue machine 5 supplies a raw card (IC card for certificates) from a feed zone 6, and draws up the IC card certificate C using IC card reader writer 7.

[0027] Moreover, when print-of-a-seal data differ at a step ST 7, the error message of the registration terminal 3 is carried out to registration terminal screen 3a (ST9). Here, an operator inputs whether issue is continued or not from an input unit 2 (ST10).

[0028] When the directions which continue issue are inputted, an operator The data (the print-of-a-seal data of an IC card or print-of-a-seal classification code of a personal data sheet) of the direction mistaken judging from the contents of the application of updating or a recurrence line etc. are changed and registered with an input unit 2 (ST11). The registration terminal 3 reads the print-of-a-seal data to print from a print-of-a-seal data conversion table (ST12), makes the print of a seal of this print-of-a-seal data reflect, and draws up an IC card certificate with the certificate issue machine 5.

[0029] In addition, when not continuing issue at a step ST 10, it considers as termination.
[0030] Next, the 2nd example is explained.
[0031] Drawing 4 shows the data format concerning the 2nd example.
[0032] The ID number which identifies an applicant is memorized in the IC card certificate C.
[0033] (a) of drawing 4 shows the example of a data format in the IC card certificate C. This ID number consists of a print-of-a-seal classification code section and an individual ID section. For example, a print-of-a-seal classification code: In the case of individual ID:0001, an ID number is set to 00010001 by 0001. In addition, related information, such as the address, may be memorized.
[0034] In the host computer 1, the personal data sheet which manages an application publisher, and the print-of-a-seal data conversion table which manages the print-of-a-seal data of each all prefectures are memorized.
[0035] (b) of drawing 4 shows the personal data sheet of the examples of a data format in a host computer 1, and has memorized the print-of-a-seal classification code (external key) which discriminates print-of-a-seal data from the ID number (major key) which identifies an applicant. In addition, related information, such as a name and the address, may be memorized.
[0036] (c) of drawing 4 shows the print-of-a-seal data conversion table of the examples of a data format in a host computer 1, and the print-of-a-seal data file name corresponding to the print-of-a-seal classification code (major key) of each all prefectures is memorized.
[0037] Next, in such a configuration, renewal of the IC card certificate of the 2nd example and actuation of a recurrence line are explained with reference to the flow chart of drawing 5 .
[0038] First, when the IC card certificate C which carries out updating or a recurrence line to the IC card reader 4 connected to the registration terminal 3 is inserted (ST21), the IC card reader 4 reads an ID number (ST22). The IC card certificate [finishing / reading] C is canceled (ST23).
[0039] The registration terminal 3 searches the personal data sheet shown in (b) of drawing 4 in a host computer 1 by the ID number read by the IC card reader 4, and takes out the print-of-a-seal classification code section of the ID number which acquired and (ST24) read the print-of-a-seal classification code (ST25).
[0040] And the registration terminal 3 carries out data comparison (comparison) of the print-of-a-seal classification code acquired at a step ST 24, and the print-of-a-seal classification code taken out at a step ST 25 (ST26), and if the comparison result is the same Read the print-of-a-seal data corresponding to this print-of-a-seal classification code using the print-of-a-seal data conversion table shown in (c) of drawing 4 (ST27), the print of a seal of this print-of-a-seal data is made to reflect, and an IC card certificate is drawn up with the certificate issue machine 5 (ST28). The certificate issue machine 5 supplies a raw card (IC card for certificates) from a feed zone 6, and draws up the IC card certificate C using IC card reader writer 7.
[0041] Moreover, when print-of-a-seal data differ at a step ST 26, the error message of the registration terminal 3 is carried out to registration terminal screen 3a (ST29). Here, an operator inputs whether issue is continued or not from an input unit 2 (ST30).
[0042] When the directions which continue issue are inputted, an operator changes and registers the data (the ID number of an IC card, or print-of-a-seal classification code of a personal data sheet) of the direction mistaken judging from the contents of the application of updating or a recurrence line etc. with an input unit 2 (ST31), and the registration terminal 3 draws up an IC card certificate by the step 27 and STs 28 mentioned above.
[0043] In addition, when not continuing issue at a step ST 30, it considers as termination.
[0044] Next, the 3rd example is explained.
[0045] Drawing 6 shows the data format concerning the 3rd example.
[0046] (a) of drawing 6 shows the example of a data format in the IC card certificate C. In the IC card certificate C, the print-of-a-seal code key for identifying the ID number and print of a seal which identify an applicant is memorized. In addition, related information, such as the address, may be memorized.
[0047] In the host computer 1, the personal data sheet which manages an application publisher, and the print-of-a-seal data conversion table which manages the print-of-a-seal data of each all prefectures are memorized.
[0048] (b) of drawing 6 shows the personal data sheet of the examples of a data format in a host computer 1, and has memorized the print-of-a-seal classification code (external key) which discriminates print-of-a-seal data from the ID number (major key) which identifies an applicant. In addition, related information, such as a name and the address, may be memorized.
[0049] (c) of drawing 6 shows the print-of-a-seal data conversion table of the examples of a data format in a host computer 1, and the print-of-a-seal data file name corresponding to the print-of-a-seal classification code (major key) of each all prefectures is memorized.

[0050] Next, in such a configuration, renewal of the IC card certificate of the 3rd example and actuation of a recurrence line are explained with reference to the flow chart of drawing 7 .
[0051] First, when the IC card certificate C which carries out updating or a recurrence line to the IC card reader 4 connected to the registration terminal 3 is inserted (ST41), the IC card reader 4 reads an ID number and a print-of-a-seal code key (ST42). The IC card certificate [finishing / reading] C is canceled (ST43).
[0052] The registration terminal 3 searches the personal data sheet shown in (b) of drawing 6 in a host computer 1 by the ID number read by the IC card reader 4, thaws the print-of-a-seal code key which acquired and (ST44) read the print-of-a-seal classification code with the existing encryption software (decode), and acquires a print-of-a-seal classification code (ST45).
[0053] And the registration terminal 3 carries out data comparison (comparison) of the print-of-a-seal classification code acquired at a step ST 44, and the print-of-a-seal classification code taken out at a step ST 45 (ST46), and if the comparison result is the same Read the print-of-a-seal data corresponding to this print-of-a-seal classification code using the print-of-a-seal data conversion table shown in (c) of drawing 6 (ST47), this print of a seal is made to reflect, and an IC card certificate is drawn up with the certificate issue machine 5 (ST48). The certificate issue machine 5 supplies a raw card (IC card for certificates) from a feed zone 6, and draws up the IC card certificate C using IC card reader writer 7.
[0054] Moreover, when print-of-a-seal data differ at a step ST 46, the error message of the registration terminal 3 is carried out to registration terminal screen 3a (ST49). Here, an operator inputs whether issue is continued or not from an input unit 2 (ST50).
[0055] When the directions which continue issue are inputted, an operator changes and registers the data (the print-of-a-seal code key of an IC card, or print-of-a-seal classification code of a personal data sheet) of the direction mistaken judging from the contents of the application of updating or a recurrence line etc. with an input unit 2 (ST51), and the registration terminal 3 draws up an IC card certificate by the step 47 and STs 48 mentioned above.
[0056] In addition, when not continuing issue at a step ST 50, it considers as termination.
[0057] Since issue prefecture information is memorized in a certificate according to the gestalt of implementation of the above-mentioned invention as explained above, a certificate can be published without the operator who received whether you were the applicant who came from which prefecture inputting (consciousness).
[0058] Moreover, by carrying out the comparison with the print of a seal and print-of-a-seal data which are led from the ID number in a certificate, or the comparison with the print-of-a-seal classification code drawn from an ID number, and the print-of-a-seal classification code drawn from print-of-a-seal specific information, the print of a seal which was wrong with an alteration, misreading, etc. of the data in a certificate can be corrected, and it can print in a certificate.
[0059] Moreover, a powerful system can be built to a data alteration by using an IC card.
[0060]
[Effect of the Invention] As explained in full detail above, the input mistake at the time of publishing a certificate according to this invention can be prevented, and the updating issue approach of a certificate issue system and a certificate issue system that it can respond also to an alteration or misreading surely and a certificate can be published can be offered.

[Translation done.]

* NOTICES *

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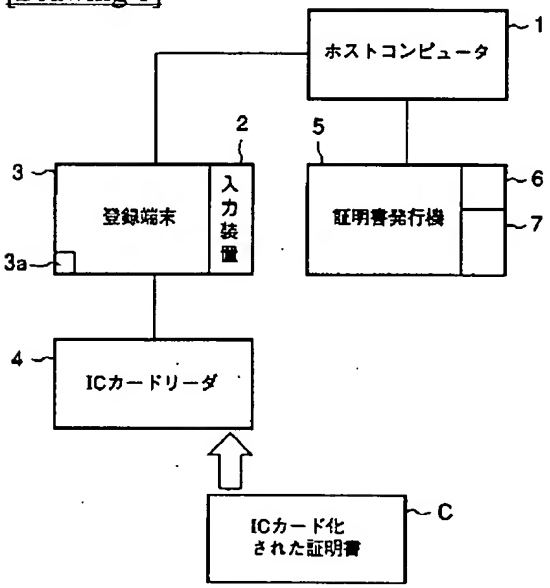
damages caused by the use of this translation.

1.This document has been translated by computer. So the translation may not reflect the original precisely.
2.**** shows the word which can not be translated.
3.In the drawings, any words are not translated.

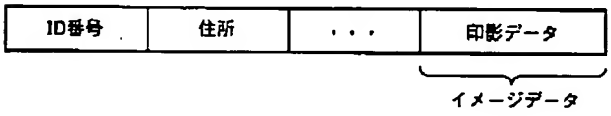
DRAWINGS

[Drawing 1]



[Drawing 2]

(a)



(b)

個人データ表

ID番号	氏名	住所	・・・	印影種別コード
00000001	AAAA	東京都○○区	・・・	0001
00000002	BBBB	東京都△△区	・・・	0001
00000003	CCCC	神奈川県□□市	・・・	0002

(c)

印影データ対応表

印影種別コード	印影データファイル名
0001	XXXXXX
0002	YYYYYY
0003	ZZZZZZ

[Drawing 4]

(a)

ID番号	住所	・・・	・・・

ID番号の仕組み：印影種別コード十個人ID
例)印影種別コード：0001
個人ID：0001の場合
ID番号は00010001となる

(b)

個人データ表

ID番号	氏名	住所	・・・	印影種別コード
00010001	AAAA	東京都○○区	・・・	0001
00010002	BBBB	東京都△△区	・・・	0001
00020003	CCCC	神奈川県□□市	・・・	0002

(c)

印影データ対応表

印影種別コード	印影データファイル名
0001	XXXXXX
0002	YYYYYY
0003	ZZZZZZ

[Drawing 6]

(a)

ID番号	住所	・・・	印影暗号キー

コードデータ

(b)

個人データ表

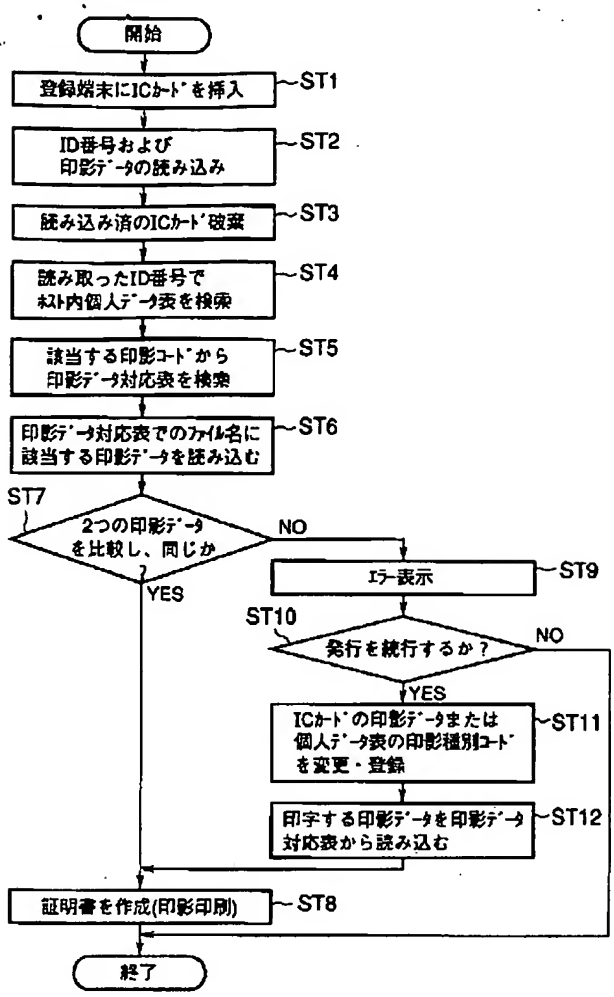
ID番号	氏名	住所	・・・	印影種別コード
00000001	AAAA	東京都○○区	・・・	0001
00000002	BBBB	東京都△△区	・・・	0001
00000003	CCCC	神奈川県□□市	・・・	0002

(c)

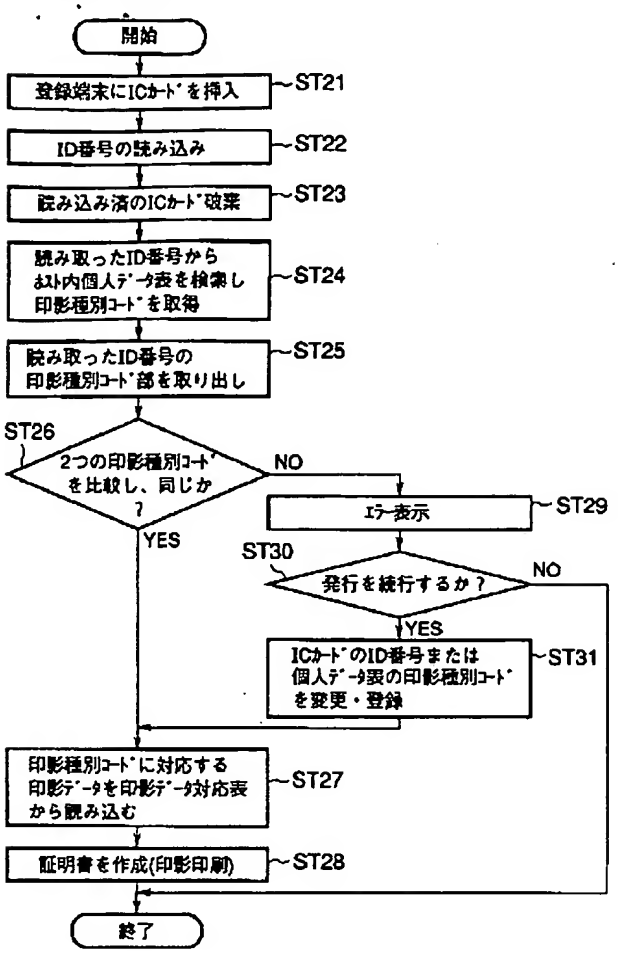
印影データ対応表

印影種別コード	印影データファイル名
0001	XXXXXX
0002	YYYYYY
0003	ZZZZZZ

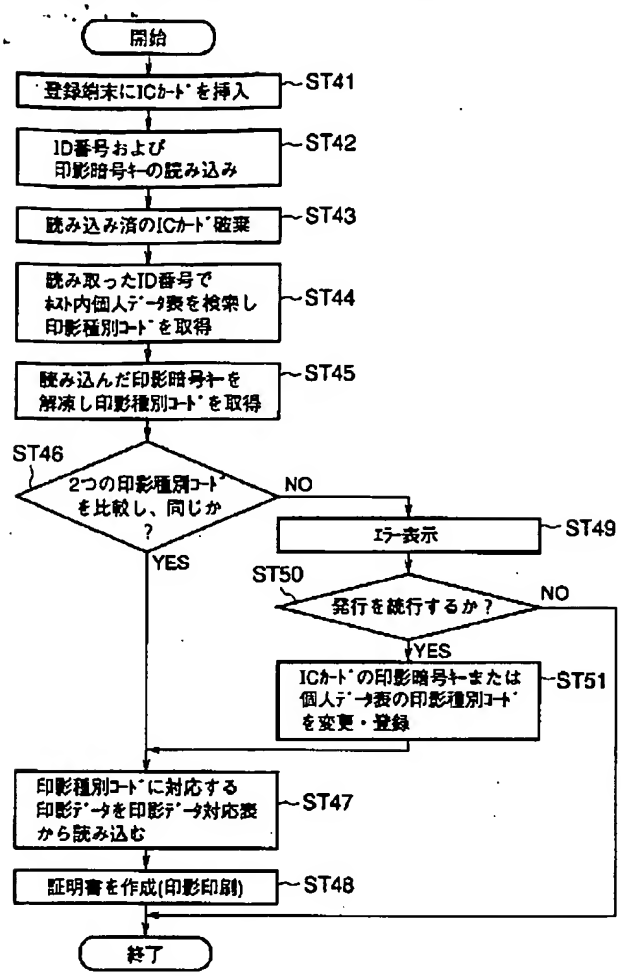
[Drawing 3]


開始
登録端末にICカードを挿入
ST1
ID番号および
印影データの読み込み
ST2
読み込み済のICカード破棄
ST3
読み取ったID番号で
ホスト内個人データ表を検索
ST4
該当する印影コードから
印影データ対応表を検索
ST5
印影データ対応表でのファイル名に
該当する印影データを読み込む
ST6
ST7
2つの印影データ
を比較し、同じか
NO
YES
エラー表示
ST9
ST10
発行を続行するか？
NO
YES
ICカードの印影データまたは
個人データ表の印影種別コード
を変更・登録
ST11
印字する印影データを印影データ
対応表から読み込む
ST12
証明書を作成(印影印刷)
ST8
終了

[Drawing 5]


開始
登録端末にICカードを挿入
ST21
ID番号の読み込み
ST22
読み込み済のICカード破棄
ST23
読み取ったID番号から
お客様内個人データ表を検索し
印影種別コードを取得
ST24
読み取ったID番号の
印影種別コード部を取り出し
ST25
ST26
2つの印影種別コードを比較し、同じか？
NO
YES
エラー表示
ST29
ST30
発行を続行するか？
NO
YES
ICカードのID番号または
個人データ表の印影種別コードを変更・登録
ST31
印影種別コードに対応する
印影データを印影データ対応表から読み込む
ST27
証明書を作成(印影印刷)
ST28
終了

[Drawing 7]



[Translation done.]